(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 8 February 2001 (08.02.2001)

PCT

(10) International Publication Number WO 01/09627 A3

(51) International Patent Classification7: G01R 31/28, 1/04

(21) International Application Number: PCT/US00/21083

(22) International Filing Date: 2 August 2000 (02.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

 60/146,812
 2 August 1999 (02.08.1999)
 US

 60/146,988
 3 August 1999 (03.08.1999)
 US

 60/158,280
 7 October 1999 (07.10.1999)
 US

 60/170,939
 15 December 1999 (15.12.1999)
 US

- (71) Applicant: PEMSTAR, INC. [US/US]; 3535 Technology Drive, Rochester, MN 55901 (US).
- (72) Inventors: WANEK, Donald, J.; 1843 26th Street NW, Rochester, MN 55901 (US). SWANSON, Loren, L.; 2341 65th Street, Kasson, MN 55994 (US). SANDS, Richard, L.; 2521 4th Avenue NW, Rochester, MN 55901 (US). TROUTMAN, Mark; 4421 Oak Court S.W., Rochester,

MN 55902 (US). MELVILLE, James, A.; 215 Elton Hills Drive NW, Rochester, MN 55901 (US).

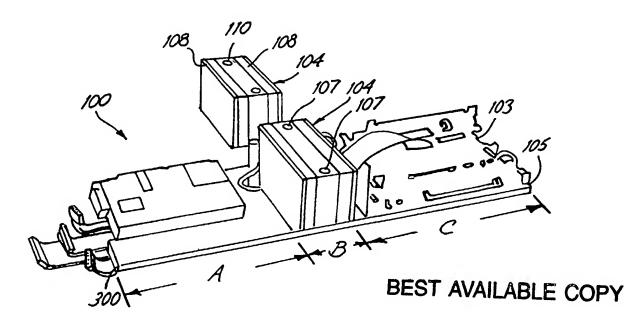
- (74) Agents: JOHNSON, Grant, A. et al.; Dorsey & Whitney LLP, Pillsbury Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498 (US).
- (81) Designated States (national): AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: ENVIRONMENTAL TEST CHAMBER AND CARRIER FOR USE THEREIN



(57) Abstract: One aspect of the present invention is a system of fabricating a barrier wall between the testing and tester volumes of an environmental test chamber. This aspect may use a plurality of pallets adapted to receive a device under test and a testing apparatus, a framework adapted to receive a plurality of pallets, and a plurality of insulation bricks associated with the plurality of pallets. The insulation bricks may be adapted such that they can cooperate to form an insulating barrier between the device under test and the testing apparatus.



(88) Date of publication of the international search report: 28 March 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.